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Proceedings of the Royal Geographical Society of London.

SESSION 1853-54.

First Ordinary Meeting, November 14, 1853.

SIR RODERICK I. MURCHISON, Vice-President, in the Chair.

The Rev. Francis Fleming; John Gorman, Esq., M.D.; Edwin Hickey, Esq.; Thomas Malby, Esq.; Lieut.-Col. the Hon. Hugh M. Percy; Lieut. Francis Simpinkson, R.N.; and Edward Stanford, Esq., were elected Fellows.

The Papers read were—

1. Captain Inglefield, R.N., F.R.S., F.R.G.S., on the result of the late Arctic Expeditions, including the Discovery of the North-West Passage by Capt. McClure, R.N.

2. Letter from Capt. McClure to Sir George Back, R.N.

The Chairman having called upon Lieut. Cresswell, of H. M. S. "Investigator," to explain the discoveries made in that ship by Capt. McClure, he pointed out the course of the ship, and briefly related her progress from the Sandwich Islands, through Behring Strait, to the Bay of Mercy in Banks' Land.

The Chairman next adverted to the efforts which were making to do honour to the memory of the late Lieut. Bellot, of the French Navy, and stated that above 1000*l.* had been already received, chiefly from Fellows of the Society.

The attention of the Meeting was finally directed to the handsome donation of Books presented to the Library by Lord Stanley, M.P., F.R.G.S.

Second Ordinary Meeting, November 28, 1853.

LORD COLCHESTER, Vice-President, in the Chair.

John Balfour, Esq.; Lieut.-Col. Fitzhardinge Berkeley; William Bull, Esq.; James C. Burnett, Esq.; Capt. the Hon. W. Coke; William Halliday Conway, Esq.; Lieut. F. A. B. Craufurd, R.N.; J. Fayrer, Esq., M.D.; John Griffith Frith, Esq.; Commander Henry Richard Foote, R.N.; Sir Edward Graham, Bart.; Lieut. P. A. Halkett, R.N.; Lord Arthur Hay; Thomas Irving, Esq.; Major H. Lloyd; Francis Le Breton, Esq.; George Mocatta, Esq.; Ashhurst Majendie, Esq.; Benjamin Oliveira, Esq., M.P.; Peter Robertson, Esq.; Christopher Rolleston, Esq.; Henry Danby Seymour, Esq., M.P.; William Silver, Esq.; J. Harrison Smith, Esq.; J. Henry Smith, Esq.; Dr. Peter C. Sutherland, M.D.; George Taddy Tomlin, Esq.; Henry Fraser Walter, Esq.; J. King

Watts, Esq.; Robert George William Wear, Esq.; and Thomas Young, Esq., were elected Fellows.

The Paper read was—

Notes on a Journey into the Balkan, or Mount Hæmus, with a description of the defiles through this celebrated mountain range, and a comparison of the routes of Darius, Alexander, and Diebitch; by Lieut.-General A. Jochmus. Communicated by Sir Roderick I. Murchison. *First Part.*

The Chairman referred to the beautiful Paintings of Scenery and Events in South Africa, by Mr. Thomas Baines, Artist to the Forces under General Somerset, which were exhibited to the Meeting.

Third Ordinary Meeting, December 12, 1853.

SIR RODERICK I. MURCHISON, Vice-President, in the Chair.

Montagu Gore, Esq.; Viscount Ranelagh; and William Stretfield, Esq., were elected Fellows.

The Paper read was—

Notes on a Journey into the Balkan, &c., by Lieut.-General A. Jochmus. *Second Part.*

Particular mention was made of the Charts of the Russian and Turkish Ports in the Black Sea, and of the beautiful Illustrations of Scenes in Ethiopia, drawn by M. J. M. Bernatz, Artist to the British Mission to the Court of Shoa, which had been presented to the Library.

Fourth Ordinary Meeting, January 9, 1854.

SIR CHARLES FELLOWS, Vice-President, in the Chair.

Dr. Travers Cox; John Dower, Esq.; Ernest Haug, Esq.; Wm. Jennings, Esq.; Henry Norman, Esq.; and Dr. Thomas Thomson, were elected Fellows.

The Papers read were—

1. Accounts from the Mission to Central Africa, communicated by Mr. A. Petermann, with Observations in North Africa by Dr. Phil. Vogel, communicated by the Foreign Office.

2. Geographical Explorations in Southern Africa, by Mr. Thomas Baines and others.

3. Account of the Expedition proposed to ascend the Niger and Chadda, by Macgregor Laird, Esq., F.R.G.S.

4. Departure of Dr. E. G. Irving, R.N., F.R.G.S., on his Mission to Western Africa.

The Chairman informed the Meeting, that by the direction of the Council, the Secretary had furnished Dr. Irving with a Chronometer and other Instruments for his use in Western Africa.

Fifth Ordinary Meeting, January 23, 1854.

The President, the EARL of ELLESMERE, in the Chair.

Commander E. J. Bedford, R.N.; D. Robertson Blaine, Esq.; John Calvert, Esq.; S. Stewart Dickenson, Esq.; Walter Laurie,

Esq.; Captain R. Methuen; James Ouchterlony, Esq.; R. Granville H. Somerset, Esq.; and Jonathan Thorp, Esq., were elected Fellows.

The Papers read were—

1. Further Accounts from the Mission to Lake Chád, from Corporal Church and Privates Swenny and Maguire, of the Sappers and Miners; and

2. Reports in connection with the proposed Expedition to Northern Australia.

A beautiful sketch of the British Fleet at anchor at Spithead, prior to sailing for the Dardanelles, by O. W. Brierly, Esq., F.R.G.S., was exhibited to the Meeting by Mr. Ackermann.

Sixth Ordinary Meeting, February 13, 1854.

Sir RODERICK I. MURCHISON, Vice-President, in the Chair.

Henry Donkin, Esq.; Wm. McDowell, Esq.; Wm. Phelps, Esq.; John Power, Esq.; Dr. John Arthur Power, M.A.; and Dr. John Stopford Taylor, M.D., were elected Fellows.

The Papers read were—

1. The Cerro de Pasco and its Silver Mines, by J. A. Lloyd, Esq., F.R.S., F.R.G.S., Her Majesty's Chargé d'Affaires in Bolivia, communicated by H. R. H. Prince Albert.

2. Letter from Mr. Amos Scott, of the Royal Sappers and Miners, on Western Australia, communicated by Colonel Portlock, R.E., F.R.G.S.

The Chairman congratulated the Society on the information that a Meeting in favour of the Bellot Testimonial Fund had been held at Bombay, which was presided over by the Governor Lord Elphinstone, supported by the Bishop of Bombay, Sir H. Leake, Commodore Lambert, and many influential persons, both English and Natives.

Seventh Ordinary Meeting, February 27, 1854.

The President, the EARL of ELLESMERE, in the Chair.

Norman Cowley, Esq.; Gamul Farmer, Esq.; Benjamin Ifill, Esq.; J. Hugh Johnson, Esq.; Rev. John Kennedy, M.A.; Lieut.-Colonel Peter Melville; Captain C. F. A. Shadwell, R.N.; A. R. Wallace, Esq.; and Captain A. P. E. Wilmot, R.N., were elected Fellows.

The Papers read were—

1. Successful Ascent of the River Murray, by Capt. Cadell and Governor Sir H. Young, in the "Lady Augusta" steamer, communicated through the Colonial Office.

2. Observations on the proposed North Australian Expedition, by Capt. Sturt.

3. Remarks on the Exploration of North Australia, by Capt. J. Lort Stokes, R.N.

The President announced the publication of the General Index to the second Ten Volumes of the Journal, as well as the 23rd Volume of the

Society's Transactions, and congratulated the Society upon the increased size and value of this Volume, and observed, that having read it very attentively, he was happy to say that he considered it perhaps the most valuable Volume that had been published by the Society, containing as it did eleven Maps, with other illustrations. His Lordship finally mentioned that, by the direction of the Council, he had recommended to the Duke of Newcastle the employment, besides Captain Stokes, of Captain Sturt, Dr. Thomas Thomson, and Mr. Thomas Baines, to accompany the proposed North Australian Expedition; and had also expressed a hope that Mr. J. S. Wilson might be employed as one of the party in the capacity of a Geologist and Mineralogist.

Eighth Ordinary Meeting, March 13, 1854.

The President, the EARL of ELLESMERE, in the Chair.

Sir John Bowring, LL.D.; Lieut. F. Brine, R.E.; and Charles Fraser, Esq., were elected Fellows.

The Papers read were—

1. Extracts of a Letter from Capt. Spratt, R.N., H. M. S. "Spitfire," Smyrna, on the West part of the Island of Crete, communicated by Colonel Leake, F.R.G.S.

2. Report on the Russian Caravan Trade with China, by Harry Parkes, Esq., F.R.G.S.

3. On the Topography and Geology of Monte Rosa and the surrounding Chain, by M. Adolph Schlagintweit.

The President particularly directed attention to Admiral W. H. Smyth's work on "the Mediterranean;" also to Mr. Wallace's "Rio Negro and the Head Waters of the Amazon," and to the Map of Asia Minor, by Kiepert, which had lately been presented to the Society.

Ninth Ordinary Meeting, March 27, 1854.

Sir RODERICK I. MURCHISON, Vice-President, in the Chair.

Lieutenant (now Commander) Gurney Cresswell, R.N.; J. W. Church, Esq.; J. G. Dodson, Esq.; and Bacon Phillips, Esq., were elected Fellows.

The Papers read were—

1. Letter from Dr. Barth to Dr. Beke, F.R.G.S., dated Timbuctu, September 5 and 29.

2. Method of rapid Field Surveying, as practised in his recent Ascent of the Andes, by J. A. Lloyd, Esq., Her Majesty's Chargé d'Affaires in Bolivia.

3. Notes on the Steppes of the Turkoman and Country S.E. of the Caspian, by the Baron de Bode.

The Chairman finally announced that Her Majesty's Government had granted the sum of 500*l.* per annum to enable the Society to provide itself with Apartments adequate to a public exposition of its Maps and Charts, and thus increase the usefulness of the body. Having read the Official Letter from Sir C. E. Trevelyan to the President, the Earl of Ellesmere, the Chairman adverted to the long period during which the Society had in vain appealed to successive Governments to obtain this boon. Sir Roderick then moved that the thanks of the Society be given to the Earl of Aberdeen and Her Majesty's Government for this Grant, and the Motion having been seconded by Sir Woodbine Parish, was carried unanimously.

Tenth Ordinary Meeting, April 10, 1854.

SIR RODERICK I. MURCHISON, Vice-President, in the Chair.

Robert Blencowe, Esq.; James Nugent Daniell, Esq.; George Dollond, Esq., F.R.A.S.; Rear-Admiral Percy Grace; Rev. W. Oxenham, M.A.; Thomas Clements Parr, Esq.; and Captain Michael Quin, R.N., were elected Fellows.

The Papers read were—

1. Account of an Expedition to the Sources of the Amazon, by J. A. Lloyd, Esq., F.R.S., F.R.G.S., Her Majesty's Chargé d'Affaires in Bolivia.
2. Variation of the Magnetic Needle at Aden, by Capt. S. B. Haines, I.N., communicated by the Hon. East India Company; and
3. Physical Geography of the Red Sea, by Dr. G. Buist, F.R.G.S.

Eleventh Ordinary Meeting, April 24, 1854.

SIR RODERICK I. MURCHISON, Vice-President, in the Chair.

Don José Antonio Barros; George Ferguson Bowen, Esq.; Fred. D. Hartland, Esq.; and Joseph Hume, Esq., M.P., were elected Fellows.

The Paper read was—

1. Official Report on the Isthmus of Darien, by Commander J. C. Prevost, of H. M. S. "Virago," communicated through Sir Roderick I. Murchison.

The attention of the Meeting was especially called to the presentation of the new edition of the "Physical Atlas," by A. K. Johnston, Esq., F.R.G.S., and to the Maps presented to the Society by the Chevalier J. Swart, of Amsterdam, Corresponding F.R.G.S.

Twelfth Ordinary Meeting, May 8, 1854.

SIR RODERICK I. MURCHISON, Vice-President, in the Chair.

Acton Ayrton, Esq.; John Smith, Esq.; and Captain Thomas Wilson, R.N., were elected Fellows.

The Papers read were—

1. Observations on the Territory of Burica, in the Province of Chiriqui, by J. H. Smith, Esq., of Panama, F.R.G.S.
2. Tour up the River Gambia beyond the falls of the Barraconda, by Lieut.-Colonel Luke Smyth O'Connor, Governor, communicated by the Colonial Office.

ANNIVERSARY MEETING, 1 P.M., MAY 22, 1854.

(Held at 21, Regent Street.)

The President, the EARL of ELLESMERE, in the Chair.

The Minutes of the previous Meeting having been read and confirmed, the Regulations respecting the Anniversary Meetings were read, when the President appointed John Brown and Trelawney Saunders, Esqs., Scrutineers for the Ballot.

George Brand, Esq., M.A., H.M. Vice-Consul in the Province of Angola, S. W. Africa; Wm. Frederick De la Rue, Esq.; Andrew Gammell, Esq.; Peter Hardy, Esq., M.A., F.R.S.; Lieut.-Colonel Travell Phillips; George Selater, Esq., M.A.; and Commander W. C. Thompson, were proposed as Candidates for election at the next Meeting.

The Report of the Council, with the Balance-sheet for 1853, and the Estimates for 1854, were read and adopted. The President then delivered the Founder's Medal to Sir Roderick I. Murchison, on behalf of Rear-Admiral William Henry Smyth, "for his numerous valuable Maritime Surveys, and for his recently published able work on the Mediterranean;" the Patron's or Victoria Medal to Sir George Back, as the representative of Capt. Robert J. Le Mesurier McClure, R.N., for his Discoveries in the Arctic Regions, more especially that of the North-West Passage (*see* p. lxxvii.). The Anniversary Address having been next read, a vote of thanks was unanimously passed, with a request that the President would allow the Address to be printed.

At the conclusion of the Ballot, the Scrutineers reported that the changes recommended by the Council had been adopted, and the President accordingly announced that the following were duly elected:—

President.—The Right Honourable the Earl of ELLESMERE, K.G., D.C.L., F.S.A., F.R.A.S., &c. &c. &c.

Vice-Presidents.—SIR RODERICK I. MURCHISON, G.C.St.S., M.A., D.C.L., F.R.S., &c. &c.; SIR CHARLES FELLOWS; Rear-Admiral Lord COLCHESTER, R.N., D.C.L.; SIR GEORGE BACK, R.N., D.C.L., F.R.S.

Treasurer.—ROBERT BIDDULPH, Esq.

Trustees.—SIR GEO. T. STAUNTON, Bart., F.R.S.; W. R. HAMILTON, Esq., F.R.S.

Honorary Secretaries.—SIR WALTER C. TREVELYAN, Bart., M.A., and THOMAS HODGKIN, Esq., M.D., &c.

Council.—JOHN ARROWSMITH, Esq.; Rear-Admiral Sir F. BEAUFORT, K.C.B., F.R.S.; Rear-Admiral FREDERICK W. BEECHEY, F.R.S.; Vice-Admiral WILLIAM BOWLES, C.B.; Right Hon. Sir DAVID DUNDAS; Lieut.-Col. G. EVEREST, B.A., F.R.S.; FRANCIS GALTON, Esq.; G. BELLAS GREENOUGH, Esq., F.R.S.; W. J. HAMILTON, Esq., Pres. G.S.; SIR HENRY HOLLAND, Bart., M.D., F.R.S.; JOSEPH HUME, Esq., M.P., F.R.S.; RICHARD MONCKTON MILNES, Esq., M.P.; MANSFIELD PARKYNS, Esq., F.Z.S.; Lieut.-General Sir GEORGE POLLOCK, G.C.B.; Lieut.-Colonel J. E. PORTLOCK, R.E., F.R.S.; the Earl of SHEFFIELD; E. OSBORNE SMITH, Esq., F.S.A.; Lord STANLEY, M.P., D.C.L.; THOMAS STAVELEY, Esq. (Foreign Office); Rev. W. WHEWELL, D.D., M.A., F.R.S.; Sir J. GARDNER WILKINSON, D.C.L., F.R.S.

The thanks of the Meeting having been next voted to the retiring Vice-President and Members of the Council, as well as to the Auditors and Scrutineers, the President finally directed the attention of the Meeting to the usual Anniversary Dinner, and the Meeting adjourned at 4 P.M.

Thirteenth Ordinary Meeting, June 12, 1854.

Sir RODERICK I. MURCHISON, Vice-President, in the Chair.

W. M. Beaufort, Esq.; George Brand, Esq., M.A.; F. Calvert, Esq., Q.C.; W. F. De la Rue, Esq.; H. C. Eiffe, Esq.; Andrew Gammell, Esq.; Peter Hardy, Esq., M.A., F.R.S.; Lieut.-Colonel R. Phillips; Sir James Ramsay, Bart.; George Sclater, M.A.; Commander W. C. Thompson; and John Yeats, Esq., were elected Fellows.

The Papers read were—

1. Late visit to Medina and Mecca, made by Lieut. R. Burton, of the Indian Army, with route from Yambu, on the Red Sea, condensed by Sir Gardner Wilkinson.

2. Journey from Cairo to Jerusalem, *viâ* Suez, Mount Sinai, Akabá, and Hebron, by the late Professor George Wallin, of Finland, translated by Dr. Shaw.

3. Further Explorations in Central Africa, as far as $14^{\circ} 10' 52''$ S. lat., and $23^{\circ} 35' 40''$ E. long., by Dr. Livingston, with correct astronomical observations and map of route, communicated through the London Missionary Society and Lieut.-Colonel Steele, F.R.G.S., with Notes from George Frere, Esq., to the Foreign Office, and from Thomas Maclear, Esq., H. M. Astronomer at the Cape, to Sir John Herschel, Bart., communicated through Sir Roderick I. Murchison.

4. The Eastern Territory of Ecuador, the Canton Quijos, the River Napo, and the N. W. Sources of the Marañon, communicated by the Rev. C. G. Nicolay, F.R.G.S.

The Chairman directed attention to the instrument exhibited at the Meeting for measuring the velocity and ascertaining the direction of Sub-surface Currents, by Dr. Buist, of Bombay, F.R.G.S.; to a mediæval Map of the World, made in the 15th century, belonging to Sir Thomas Phillips; to the beautiful Map of the southern portion of the Crimea, by Mr. Arrowsmith; and to the paintings exhibited by Mr. John Webster, illustrating the cruise of the Royal Yacht schooner "Wanderer," commanded by the late Mr. Boyd, through the Islands of the Pacific, including the Sandwich, the Kingsmill, and the Solomon Groups. The Chairman announced that the Council had empowered the President to communicate with Sir George Grey, the newly appointed Secretary of State for the Colonies, with the view of expediting the despatch of the Expedition for the Exploration of Northern Australia. Attention was also invited to the Cartographic Collections displayed by Mr. Kohl, relating to the History of the Progress of Discovery in the Western Hemisphere. Previously to the adjournment of the Meeting to November next, Sir Roderick I. Murchison intimated that the Earl of Ellesmere had requested him to state that cards of invitation had been issued to all the Fellows of the Society to attend his Lordship's soirées at Bridgewater House on the 14th and 21st instant.

MISCELLANEOUS.

Twenty-fourth Meeting of the British Association for the Advancement of Science, held at Liverpool, September 20th to 27th, 1854.

(Section E, Geography and Ethnology.)

President.—Sir R. I. MURCHISON, D.C.L., F.R.S., F.R.G.S., &c.

Vice-Presidents.—Sir R. H. INGLIS, F.R.G.S.; Col. CHESNEY,

F.R.G.S.; Captain FITZROY, F.R.G.S.; Dr. CONOLLY; Dr. LATHAM, F.R.G.S.

Secretaries.—Dr. NORTON SHAW; R. CULL, Esq.; Dr. IHNE; and the Rev. H. H. HIGGINS.

Committee.—Capt. ALLEN, R.N., F.R.G.S.; Rev. W. ARTHUR, M.A.; Rear-Admiral BEECHEY, F.R.G.S.; JOHN BROWN; CHARLES H. BRACEBRIDGE, F.R.G.S.; ROBERT CHAMBERS; the Earl of DERBY, F.R.G.S.; JAMES FERGUSSON, F.R.G.S.; A. G. FINDLAY, F.R.G.S.; G. B. GREENOUGH, F.R.G.S.; Dr. EDWARD HINCKS; F. HINDMARSH, F.R.G.S.; Dr. HODGKIN, F.R.G.S.; Rev. Dr. HUME; J. B. JUKES; Rev. H. W. KEMP; Judge KENNEDY; Dr. JOHN LEE, F.R.G.S.; ANTHONY ST. LEGER, F.R.G.S.; JOSEPH LOCKE, M.P., F.R.G.S.; Lord LONDESBOROUGH, F.R.G.S.; JOSEPH MAYER; RICHARD MONCKTON MILNES, M.P., F.R.G.S.; Rev. C. G. NICOLAY, F.R.G.S.; Dr. M'NICOLL; Sir B. OUTRAM, C.B., F.R.G.S.; E. C. RAVENSHAW, F.R.G.S.; Dr. REID; Admiral Sir JOHN ROSS; Col. SABINE, F.R.G.S.; Rev. Dr. SCORESBY; H. DANBY SEYMOUR, M.P., F.R.G.S.; Capt. W. N. SMYTH, R.A., F.R.G.S.; Colonel SYKES, F.R.G.S.; W. D. SAULL; J. A. TINNE, F.R.G.S.; JOHN TOWSON; J. KING WATTS, F.R.G.S.; THOMAS WRIGHT, M.A.; and JOSEPH B. YATES, F.R.G.S.

The Papers read were—

1. *Australian Expedition.*—Communications from Captain Charles Sturt, F.R.G.S., Dr. J. W. F. Blundell, and Mr. J. S. Wilson, communicated by the Royal Geographical Society.

2. *Richard Cull.*—A Description of three Esquimaux, lately in London.

3. *H. Danby Seymour, M.P., F.R.G.S.*—Extracts from the MS. Notes of Travels of General Fevrier, in Central Asia, from Teheran to Herat, Balkh, Candahar, and along the course of the Helmund, and round the Lake Sistan.

4. *William Freund, LL.D.*—Notes on the Etruscan Question.

5. *A. G. Findlay, F.R.G.S.*—On Arctic and Antarctic Currents in connexion with the Expedition of Sir J. Franklin.

6. *Dr. Sutherland, F.R.G.S.*—On Glaciers in the Arctic Regions, communicated by Sir R. Murchison.

7. *Thomas Wright, M.A.*—On some remains of an early people in the south-eastern corner of Yorkshire.

8. *Rev. Dr. Hume.*—Ethnology of the Liverpool District, with Notices of the Hoylake Antiquities.

9. *Captain Samuel Gale* (Merchant Service).—On the shortest Routes to South Australia.

10. *Mr. John Towson*, of the Local Marine Board.—On modifications of Great Circle Sailing.

11. *J. B. Davies, F.S.A.*—On the Forms of Ancient British Crania.

12. *East Africa.*—Extracts of a Letter addressed to the Church Missionary Society, dated Kisuludim in Rabbai, by Rev. J. Rebmann, communicated by the Royal Geographical Society.

13. *Central Africa.*—Extract of a Letter to the Rev. A. Tidman,

D.D., dated Sekeletu, 24th September, 1853, from the Rev. Dr. Livingston, communicated by the Royal Geographical Society.

14. *West Africa*.—Despatch from Acting-Consul Gabriel to Lord Clarendon, announcing the arrival of Dr. Livingston at Loando, West Coast of Africa, communicated by the Royal Geographical Society.

15. *H. Danby Seymour, M.P., F.R.G.S.*—On the Caucasus and parts of the Crimea.

16. *Richard Cull*.—On the Ethnological value of the Results of Philological Inquiry.

17. *Captain W. Allen, R.N., F.R.G.S.*—Remarks on some Levels taken in Jerusalem with the Aneroid.

18. *James Fergusson, F.R.G.S.*—On the Site of the Holy Sepulchre at Jerusalem.

19. *T. Wright, M.A.*—On the early Ethnology of Britain.

20. *Joseph Brooks Yates, F.R.G.S.*—On the Estuary of the River Mersey, and the hazardous and uncertain approaches to the Port of Liverpool.

21. *Joseph Boulton*.—Sectional Diagrams, illustrative of Changes in the bed of the River Mersey and its approaches, with reference to a diagram.

22. *George Rennie, F.R.S., F.R.G.S.*—Hydrographical Remarks on the Improvements of the Port of Liverpool.

23. *James Kennedy*.—Question of the Lost Tribes of Israel.

24. *Dr. Hamilton, M.D.*—Remarks on Lake Anlaja and its drainage, in the Desert of Caranjas, in Bolivia.

25. *Dr. Phil. Bleek, of Bonn*.—Remarks on certain South African Languages.

26. *Dr. Latham*.—On the Non-Russian Populations of European Russia.

27. *Rev. C. G. Nicolay*.—On the Eastern Territories of the State of the Ecuador and the River Napo.

28. *Dr. Geo. Wallin, of Finland*.—Travels in Arabia. Translated and communicated by Dr. Norton Shaw.

Among the recommendations adopted by the General Committee of the Liverpool Meeting, as more or less connected with Geography, were—the continuance of the grant of 15*l.* for providing a large Outline Map of the World; a vote of thanks for the establishment by Government of the Meteorological Department of the Board of Trade, under Capt. FitzRoy, R.N., F.R.S., F.R.G.S.; the appointment of a Committee for the purpose of making a Report on the Channel of the river Mersey; the appointment of a Committee to communicate with the Duke of Newcastle on the desirability of accelerating the departure of the North Australian Expedition; an application for an early publication of the Heights of Ground determined by the Trigonometrical Survey, the levels of the Sea, which are the base of the observations, and the reasons which have guided the selection of the *places* where the *Sea*-levels were taken.

The next meeting of the British Association will be held at Glasgow.